AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-41. (canceled)

42. (currently amended) A linear light-emitting element, comprising:

a first region, a semiconductor region, a light-emitting region and a second region arranged from nearly a center to a fringe of a cross section approximately vertical to an axis of the linear light-emitting element,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of an island and a nearly concentric circle.

43. (previously presented) The linear light-emitting element of claim 42, wherein the first region is a source region and the second region is a drain region, or the first region is a drain region and the second region is a source region.

44. (currently amended) The linear light-emitting element of claim 43, wherein the linear light-emitting element is comprised from a plurality of element regions in which

predetermined lengths of the same cross section are formed in a longitudinal direction.

45. (currently amended) A linear light-emitting element, comprising:

a first region, a semiconductor region, a light-emitting region and a second region arranged from nearly a center to a fringe of a cross section approximately vertical to an axis of the linear light-emitting element,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of an island and a nearly concentric circle, and the center region is comprised from a hollow region, an insulator region, a semiconductor ~~regions~~ region or a conductive region.

46. (previously presented) The linear light-emitting element of claim 45, wherein the first region is a source region and the second region is a drain region, or the first region is a drain region and the second region is a source region.

47. (currently amended) The linear light-emitting element of claim 46, wherein the linear light-emitting element is comprised from a plurality of element regions in which predetermined lengths of the same cross section are formed in a longitudinal direction.

48. (currently amended) A linear light-emitting element, comprising:

a first region, a semiconductor region, a plurality of light-emitting regions and a second region arranged from nearly a center to a fringe of a cross section approximately vertical to an axis of the linear light-emitting element,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of an island and a nearly concentric circle, and a light-emitting intensity of each light-emitting region is controlled by a voltage supplied to the each gate electrode which is arranged between the nearly center and the corresponding light-emitting region.

49. (previously presented) The linear light-emitting element of claim 48, wherein the first region is a source region and the second region is a drain region, or the first region is a drain region and the second region is a source region.

50. (currently amended) The linear light-emitting element of claim 48, wherein an element region in which the same cross sections are formed in the longitudinal direction is formed continuously or intermittently.

51. (previously presented) The linear light-emitting element of claim 49, wherein the plurality of light-emitting

regions are comprised from a red light-emitting region, a green light-emitting region and blue light-emitting region.

52. (previously presented) The linear light-emitting element of claim 50, wherein the plurality of light-emitting regions are comprised from a red light-emitting region, a green light-emitting region and blue light-emitting region.

53. (currently amended) A linear light-emitting element, comprising:

a first region, a semiconductor region, a light-emitting region and a second region are arranged from nearly a center to a fringe of a cross section approximately vertical to an axis of the linear light-emitting element,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of island and a nearly concentric circle,

a plurality of color filters are arranged at a circumference of the second region, and

a light intensity of each color filter is controlled by a voltage supplied to each gate electrode which is arranged between the nearly center and a corresponding color region.